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PATENT

Attorney Docket No.: 2003-IP-009957 U1 USA



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:      Brett Masters et al.  
Serial No.:                              10/826,952  
Filed:                                      April 15, 2004  
Entitled:                                  VIBRATION BASED POWER  
   GENERATOR

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As listed on the accompanying form PTO-SB-08, the Applicants hereby call the examiner's attention to the following information of which they are aware, in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

U.S. Patents:

5,554,922	4,387,318	4,467,236	5,839,508,	6,504,258	6,011,346
5,703,474	5,801,475	5,907,211	4,769,569	4,808,874	

Published U.S. Patent Applications:

2002/0096887

Foreign Patent Documents:

WO 02/057589      WO 02/10553

Other Documents:

"Extracting Energy From Natural Flow," NASA Tech. Briefs, Spring 1980, Vol. 5, No. 1, MFS-23989.

Parkinson, Geoffrey, "Phenomena and Modelling of Flow-Induced Vibrations of Bluff Bodies", Progress in Aerospace Sciences, Vol. 26, pp. 169-224, 1989.

"Characteristics of Relaxor-Based Piezoelectric Single Crystals for Ultrasonic Transducers," IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 44(5):1140-1147 (September 1997)

Hall & Prechtl "Development of a Piezoelectric Servoflap for Helicopter Rotor Control," Smart Materials and Structures Vol 5 1996 pp 26-34

PI (Physik Instrumente), "NanoAutomation®, Piezo Technology NanoPositioning MicroPositioning Hexapods", dated 1996-2004

PI, "Introduction to Piezo Actuators", dated 1996-2004

"Closed-Loop, High Deflection PICMA® Multilayer Piezo Bender Actuators", undated

"PICA-Stack Piezoceramic Actuators Versatile Piezoelectric Power", undated

This Information Disclosure Statement is being filed under the provisions of 37 CFR §1.97(b)(3), which provides for the timely filing of an Information Disclosure Statement before the mailing of a first Office Action on the merits.

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Respectfully submitted,

KONNEKER & SMITH, P.C.



Marlin R. Smith  
Attorney for Applicants  
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Dated: June 2, 2004

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<b>Application Number</b>	10/826,952
<b>Filing Date</b>	April 15, 2004
<b>First Named Inventor</b>	<u>Brett Masters</u>
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2003-IP-009957 U1 USA

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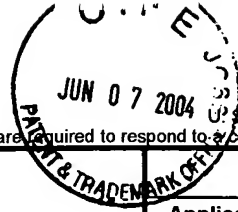
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

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2

### Complete if Known

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First Named Inventor	Brett Masters
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2003-IP-009957 U1 USA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Extracting Energy From Natural Flow," NASA Tech. Briefs, Spring 1980, Vol. 5, No. 1, MFS-23989.	
		Parkinson, Geoffrey, "Phenomena and Modelling of Flow-Induced Vibrations of Bluff Bodies", Progress in Aerospace Sciences, Vol. 26, pp. 169-224, 1989.	
		"Characteristics of Relaxor-Based Piezoelectric Single Crystals for Ultrasonic Transducers," IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 44(5):1140-1147 (September 1997)	
		Hall & Precht! "Development of a Piezoelectric Servoflap for Helicopter Rotor Control," Smart Materials and Structures Vol 5 1996 pp 26-34	
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		"Closed-Loop, High Deflection PICMA® Multilayer Piezo Bender Actuators", undated	
		"PICA-Stack Piezoceramic Actuators Versatile Piezoelectric Power", undated	

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